INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/21916

A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) : F16D 003/84		
US CL : 464/171		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) U.S.: 464/170, 171, 176; 277/346; 74/609; 180/84, 346; 280/159		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category * Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
X US 1,253,108 A (TAYLOR) 08 January 1918 (08.01		.7 and 8
X US 1,670,175 A (WIKOF) 15 May 1928 (15.05.1928), figure 1		7 and 8
A US 3,177,683 A (OLSON) 13 April 1965 (13.04.1965), figure 1.		1-12
A SU 632843 A (VEINBERG) 15 November 1978 (15.15.1978), see entire document.		1-12
Further documents are listed in the continuation of Box C.	See patent family annex.	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the inte date and not in conflict with the applic principle or theory underlying the inve	ation but cited to understand the
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the considered to involve an inventive ster with one or more other such document	when the document is combined
"O" document referring to an oral disclosure, use, exhibition or other means	obvious to a person skilled in the art	s, such combination come
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent	
Date of the actual completion of the international search	Date of mailing of the international search report	
23 November 2004 (23.11.2004) V F E B ZUIL5 Name and mailing address of the ISA/US Authorized officer // V		
Mail Stop PCT, Attn: ISA/US	March 1	
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